

A code generating system generates software from an object-oriented software statement. Generally, a specification described by an operator is entered via an input device, then the specification is analyzed, and a program code is generated and output.

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The third full paragraph at page 14:

✓  
Please amend the third full paragraph on page 14 as follows:

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A<sup>2</sup>  
In case a table cannot be read from the memory device 104 in step 702, a standard generation pattern information is output in step 704. In case the table could have been read from the memory device 104 in step 702, it is determined in step 705 whether to use or not to use any particular function according to the function select item having been read. When it is determined to use, a standard generation pattern information defined by the function select item is output in step 707. When judged not to use, a code generation pattern information defined by the function select item is output in step 706.

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**IN THE CLAIMS:**

✓ / / /  
Please amend Claims 1, 5, 8 and 10 as follows: **(A copy of a marked up version with markings to show changes made is attached hereto.)**

*Part B1*  
*A3*  
1. (Amended) A software generation system comprising:

a specification analysis means which analyzes an object-oriented specification for deriving specification information;

a function removing means which checks said specification information derived by said specification analysis means by collating with a function removal rule which is predetermined, and removes a function which becomes unnecessary from a set of object-oriented functions by which members are realized, for generating from the specification information program information excluding the unnecessary function; and

a code generation means for generating a code according to said program information obtained by said function removing means.

*A4*  
5. (Amended) A software generation system comprising:

an input means for inputting a specification described as diagrammatic information, and selecting an object-oriented function by which members are realized to utilize;

an analysis means for analyzing said specification entered via said input means;

*A4*  
*Control*

a function selection means which outputs pattern information for use in generating a code on the basis of a result of analysis by said analysis means and according to said object-oriented function selected; and

*B*

a code generation means for generating a program code of said specification analyzed according to the pattern information output from said function selection means.

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*pub B2* *A5*


8. (Amended) A software generation system comprising:

a specification analysis means which analyzes an object-oriented specification for deriving specification information;

an analysis result display means for displaying a status of use of an object-oriented function by which a member is realized from said specification information;

an input means whereby to select an object-oriented function to utilize;


a function memory means for storing a function selected via said input means;

*Sub B2*  a program information generation means for generating program information on the basis of said specification information derived by said specification analysis means and using said function selected and stored in said memory means; and

a code generation means for generating a code on the basis of said program information obtained by said program generation means.

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10. (Amended) A software generation method comprising the steps of:

*AS*  analyzing an object-oriented specification entered;

generating program information using object-oriented functions by which members are realized without unnecessary functions according to a predetermined function removing rule; and

generating a code of said specification analyzed on the basis of said program information.

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(Applicant's Remarks are set forth hereinbelow, starting on the following page.)